GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2209
ANSWERED ON:10.03.2016
Compressed Biogas for Transport
Reddy Shri Konda Vishweshwar

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Government is aware of the potential of biogas for transportation purposes, if so, the details thereof;
(b) whether the Government recognises the restrictions in terms of bottling and sale of biogas for transportation purposes, if so, the details thereof;
(c) whether the Government proposes to remove restrictions on the use of compressed biogas for transport in the country; and
(d) if so, the details thereof and the other steps proposed to be taken by the Government in this regard?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): Yes, Madam. The purified biogas to the vehicular grade, called as Bio-CNG can be used as a potential fuel for transportation.
(b),(c)&(d): Yes, Madam. The sale of bottled biogas (Bio-CNG) for transportation purpose is regulated as per the norms of Petroleum and Explosives Safety Organization (PESO). Anyone who wants to upgrade and bottle the biogas for transportation has to ensure that the emission of Hydrogen Sulphide (H2S), Carbon Dioxide (CO2) and moisture, etc. should be within the permissible limit as prescribed by the PESO for CNG to ensure the safety of passenger and the vehicle.
Use of Bio-CNG for transport is permitted, if the biogas is upgraded following the norms as prescribed by the PESO and conforming to the BIS standards specifications for transport and the safety of passengers.
The Government has issued a notification in June, 2015 for permitting use of Bio-CNG for transport as an alternate composition of the Compressed Natural Gas (CNG) and the Bureau of Indian Standards (BIS) specifications for Bio-CNG similar to the CNG standard specifications for transport and the safety of passengers are required, as both Bio-CNG and CNG are proposed to be re-filled into the same cylinder.
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